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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Krishnan TAMARASELVY, et al. )  
  )  
Serial No. 10/646,856 )  
  )  
Filed: August 22, 2003 ) Group Art Unit: 1615  
  )  
For: MULTI-PURPOSE POLYMERS, )  
      METHODS AND COMPOSITIONS )  
  )  
Examiner: Not Yet Assigned )

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Atty Docket No. 200PP329A

Sir:

Pursuant to 37 C.F.R. §1.56, §1.97 and §1.98, documents that may be material to the examination of this application are listed on the attached PTO-1449 form. In accordance with the waiver of Rule 1.98(a)(2)(i), (OG Notice of August 5, 2003), copies of U.S. patents and U.S. published applications are not enclosed, and a copy of each listed foreign patent and non-patent document is enclosed.

The cited documents disclose numerous specific features. There has been no attempt to enumerate each and every feature disclosed by each document, however. The Examiner is requested to review these documents and to determine the extent of the materiality of the document disclosures, if any, with respect to the present invention.

The discussion of any art and the citation of any document herein is not to be construed as an admission that the art or document disclosure is necessarily within the invention field of endeavor, that the art or document disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that the art or document

Serial No. 10/646,856  
Filed: August 22, 2003

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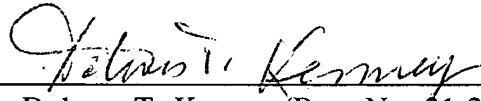
disclosure is otherwise necessarily prior art as defined by the patent law with respect to the instant invention and application.

Also, there is reserved the right to later set forth how the claimed invention is distinguished over the disclosure of any document or other art, including the disclosures of the art and documents recited herein, and that may be cited by the Examiner in rejecting a claim in the instant patent application.

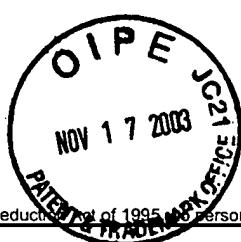
As stated in the Cross-Reference to Related Application section of this application, the priority of Provisional Application for Patent Serial No. 60/410,697 filed September 13, 2002 is claimed.

The recitation herein of the art and documents is not to be construed as an assertion that more pertinent art could not possibly be in existence.

Respectfully submitted,

By   
Dolores T. Kenney (Reg. No. 31,269)

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of 4

## Complete if Known

Application Number	10/646,856
Filing Date	August 22, 2003
First Named Inventor	TAMARASELKY, et al.
Art Unit	1615
Examiner Name	Not Yet Assigned
Attorney Docket Number	200PP329A

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
		US- 4,275,055	06/23/1981	Nachtigal, et al.	
		US- 4,777,037	10/11/1988	Wagman, et al.	
		US- 4,801,671	01/31/1989	Shay, et al.	
		US- 5,073,372	12/17/1991	Turner, et al.	
		US- 5,164,177	11/17/1992	Bhatt, et al.	
		US- 5,376,364	12/27/1994	Darkwa, et al.	
		US- 5,376,709	12/27/1994	Lau, et al.	
		US- 5,599,549	02/04/1997	Wivell, et al.	
		US- 5,874,095	02/23/1999	Deckner, et al.	
		US- 5,883,085	03/16/1999	Blank, et al.	
		US- 5,948,416	09/07/1999	Wagner, et al.	
		US- 5,997,764	12/07/1999	Ambuter, et al.	
		US- 6,025,431	02/15/2000	Cardinali, et al.	
		US- 6,190,647 B1	02/20/2001	Karten, et al.	
		US- 6,268,431 B1	07/31/2001	Snyder, et al.	
		US- 6,271,192 B1	08/07/2001	Verstrat, et al.	
		US- 6,274,129 B1	08/14/2001	Bhatt, et al.	
		US- 6,274,539 B1	08/14/2001	Kacher, et al.	
		US- 6,290,943 B1	09/18/2001	Naser, et al.	

## FOREIGN PATENT DOCUMENTS

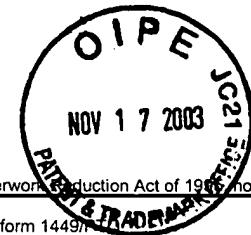
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number-Kind Code <sup>5</sup> (if known)				
		WO 00/40628	07/13/2000	B.F. Goodrich		
		FR 2 777 011 (Eng. Abstract included)	10/08/1999	ELF Atochem SA		

Examiner Signature	Date Considered
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 12

of 4

**Complete if Known**

Application Number	10/646,856
Filing Date	August 22, 2003
First Named Inventor	TAMARASELKY, et al.
Art Unit	1615
Examiner Name	Not Yet Assigned
Attorney Docket Number	200PP329A

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,299,866 B1	10/09/2001	Liu, et al.	
		US- 6,319,489 B1	11/20/2001	Ashton, et al.	
		US- 6,329,483 B1	12/11/2001	Schade, et al.	
		US- 6,346,234 B1	02/12/2002	Rollat, et al.	
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		US- 2001/0016617 A1	08/23/2001	Reeve	
		US- 2001/0046952 A1	11/29/2001	Verstrat, et al.	
		US- 2001/0055580 A1	12/27/2001	Belli, et al.	
		US- 2002/0004035 A1	01/10/2002	Bhatt, et al.	
		US-			

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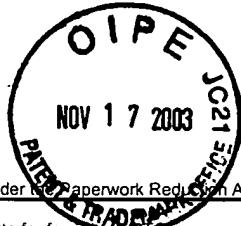
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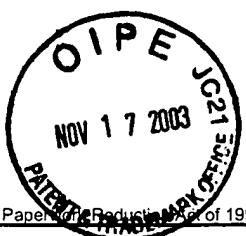
Substitute for form PTO-842				Complete if Known	
				Application Number	10/646,856
				Filing Date	August 22, 2003
				First Named Inventor	TAMARASELKY, et al.
				Art Unit	1615
				Examiner Name	Not Yet Assigned
Sheet	3	of	4	Attorney Docket Number	200PP329A

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
/	/	RAYMOND RIGOLETTO, JR., et al., "Styleze 2000, A New Fixative Polymer for Gels-Formulation and Processing Guide PART I," SOAP & COSMETICS, pp. 43-46, (July/August, 2001).		
/	/	RAYMOND RIGOLETTO, JR., et al., "Styleze 2000, A New Fixative Polymer for Gels-Formulation and Processing Guide PART II," SOAP & COSMETICS, pp. 39-43, (September, 2001).		
/	/	"Standard Test Method for Specular Gloss", ASTM Designation: D523-89, pp 32-36 (Reapproved 1994).		
/	/	P. REEVE, "Tailoring the Properties of Polymeric Rheology Modifiers ...," PROCEEDINGS OF INTERNATIONAL FEDERATION OF SOCIETY OF COSMETIC CHEMISTS, IFSCC, Budapest, pp. 337-347 (April, 1997).		
/	/	C. E. JONES, "A Study of the Interaction of Hydrophobically-Modified Polyols with Surfactants," PROCEEDINGS OF 4th SURFACTANTS CONGRESS, Barcelona, Vol. 2, pp. 439-450 (1996).		
/	/	K. C. TAM, et al., "Rheological and Microcalorimetric Studies of a Model Alkali-Soluble Associative Polymer (HASE) ...", Journal of Polymer Science: Part B, Vol 38, pp. 2019-2032 (2000).		
/	/	ANTHONY L. L. HUNTING, "Shampoo Thickeners," COSMETICS & TOILETRIES, Vol. 97, pp. 53-63 (March, 1982).		
/	/	"Standard Guide for Descriptive Analysis of Shampoo Performance," ASTM Designation: E2082-00, pp. 1-10 (2000).		
/	/	KENNETH A. KASPRZAK, "Volatile Silicones, New Cleaners for Oils and Greases," SOAP/COSMETICS/CHEMICAL SPECIALTIES, pp. 40-43 (December, 1986).		
/	/	CHARLES TODD, et al., "Volatile Silicone Fluids for Cosmetic Formulations," Cosmetics and Toiletries, Vol. 91 pp. 29-32, (January, 1976).		

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PTO/SB/08B (02-03)

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Substitute for form 1449/PTO				Complete if Known	
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				First Named Inventor	TAMARASELKY, et al.
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	✓	GEORGE R. WHALLEY, "Fabric Conditioning Agents," HAPPI, pp. 55-58 (February, 1995).		
	✓	J. JACHOWICZ, et al., "Effect of Alkyl Substitution on Styling and Conditioning ...", IFSCC MAGAZINE, Vol. 5, pp. 1-17 (2002).		
	✓	GEORGE V. SCOTT, et al., "Sorption of Quaternary Ammonium Surfactants by Human Hair," J. SOC. COSMETIC CHEMISTS, Vol. 20, pp. 135-152 (February 5, 1969).		

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